

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070123\
 Data File : PS023573.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jun 2023 16:02
 Operator : AR\AJ
 Sample : 03428-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PNNL-APM-0621-1MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/03/2023
 Supervised By : Ankita Jodhani 07/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 12:39:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060623.M
 Quant Title : 8080.M
 QLast Update : Tue Jun 06 13:00:04 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
 Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
4) S	2,4-DCAA	6.477	6.845	854.9E6	259.0E6	483.174	456.163m
Target Compounds							
1) T	Dalapon	2.548	2.575	700.9E6	343.5E6	383.313m	374.786
2) T	3,5-DICHL...	5.831	6.014	1267.5E6	395.7E6	471.776	447.054
5) T	DICAMBA	6.624	7.011	3412.7E6	1114.9E6	437.882	435.067
6) T	MCP	6.781	7.106	296.2E6	93365990	53.744	52.227
7) T	MCPA	6.909	7.315	341.6E6	141.8E6	43.635m	52.765
8) T	DICHLORPROP	7.232	7.632	944.2E6	298.2E6	457.563	482.076
9) T	2,4-D	7.434	7.919	1162.1E6	334.0E6	475.619	481.558
10) T	Pentachlo...	7.668	8.349	13670.3E6	4271.6E6	485.116	472.164
11) T	2,4,5-TP ...	8.203	8.710	5638.2E6	1661.1E6	487.596	497.733
12) T	2,4,5-T	8.463	9.083	5525.3E6	1488.8E6	486.377	485.657
13) T	2,4-DB	8.980	9.588	797.9E6	181.5E6	338.921	489.511 #
14) T	DINOSEB	10.050	9.917	3391.1E6	997.9E6	409.442	420.510m
15) T	Picloram	9.872	10.880	6908.8E6	1683.9E6	398.096	368.958
16) T	DCPA	10.319	10.844	6850.9E6	2001.9E6	491.437	499.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Acq On : 30 Jun 2023 16:02
Operator : AR\AJ
Sample : 03428-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

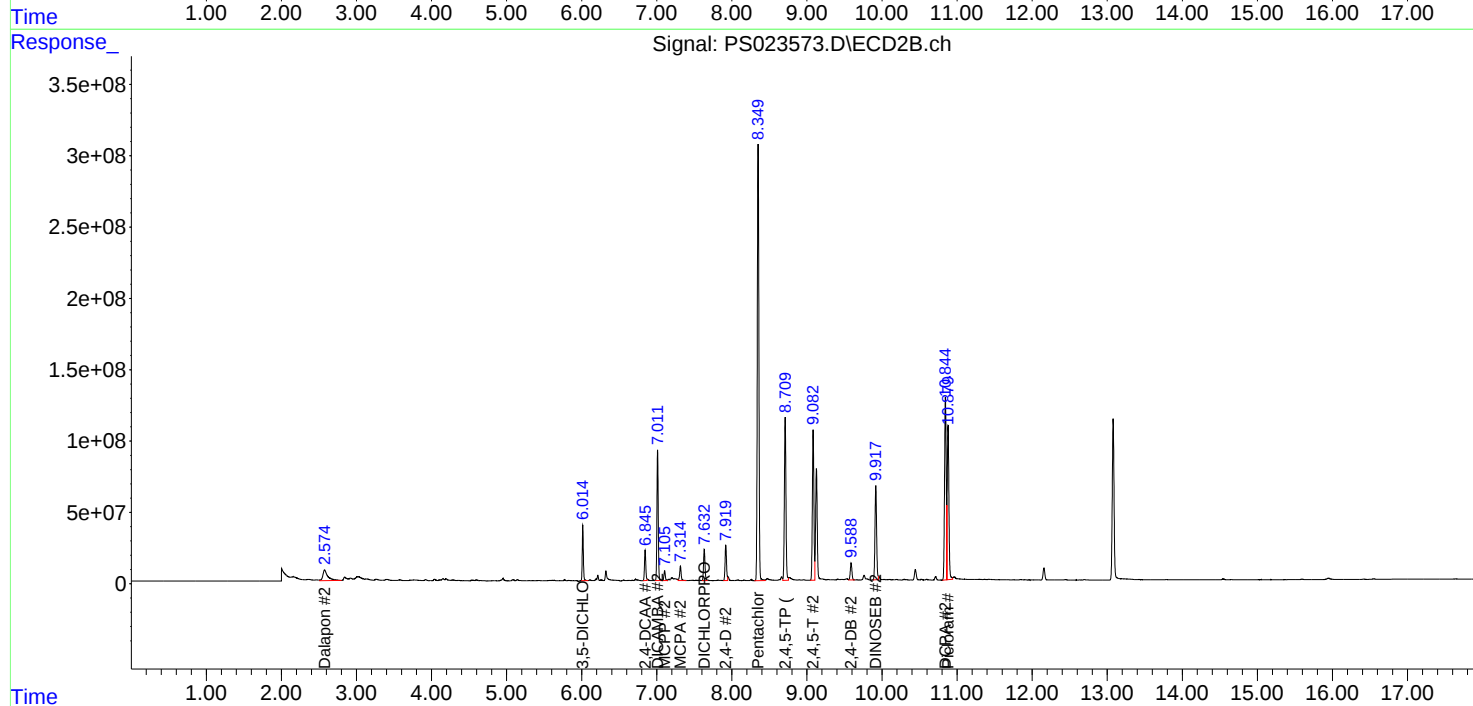
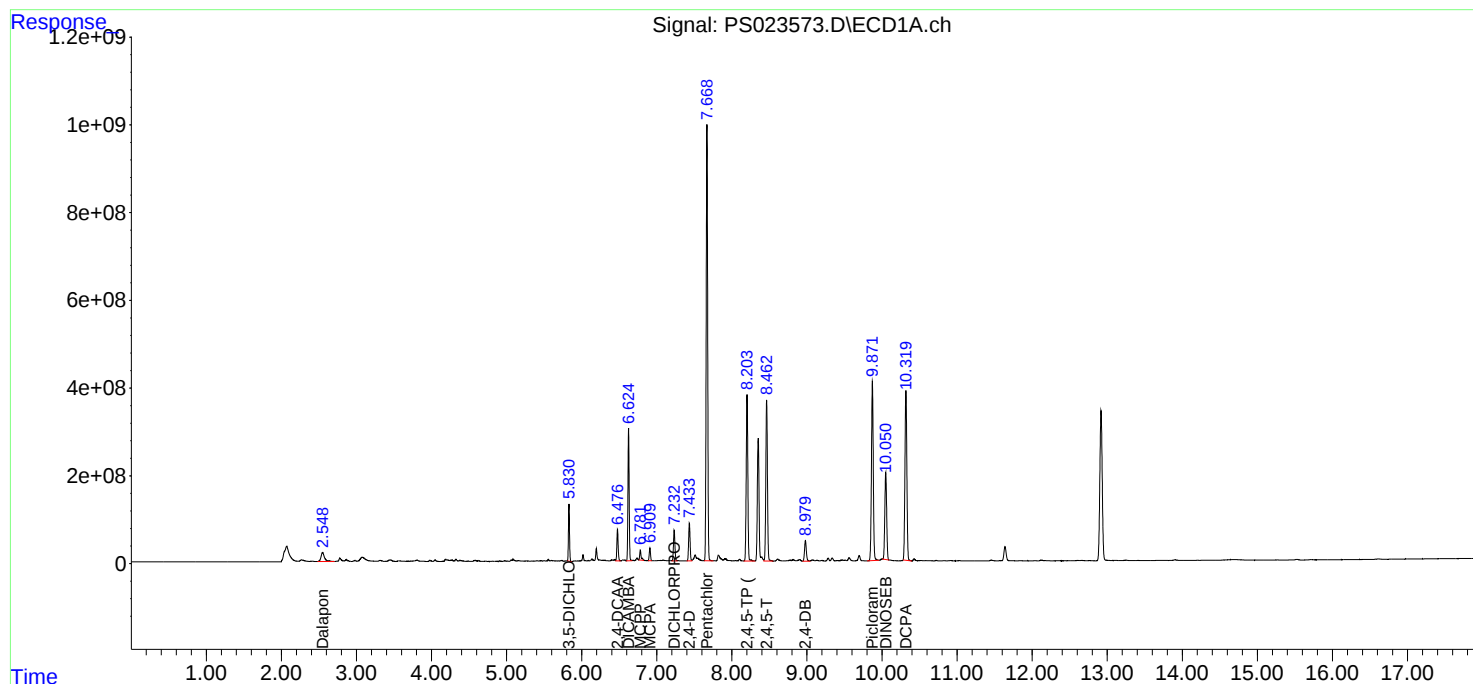
Instrument :
ECD_S
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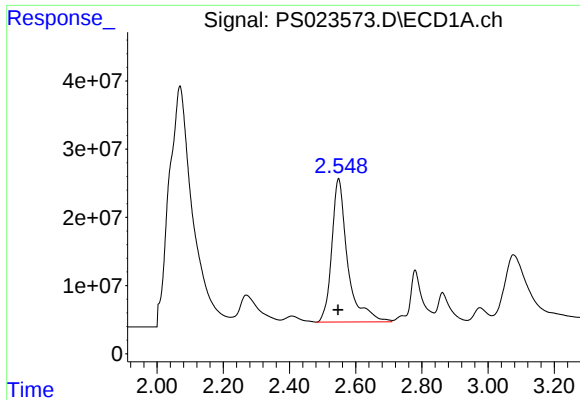
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Integration File signal 1: autoint1.e
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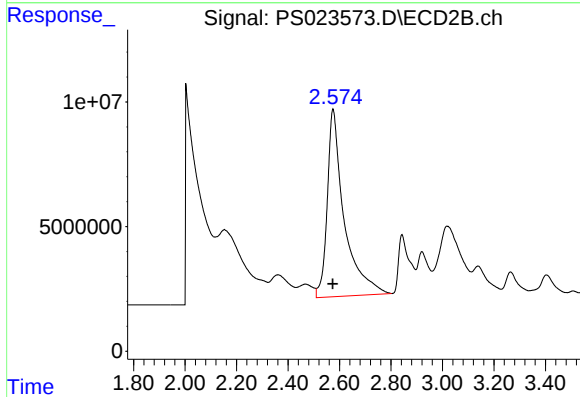
#1 Dalapon

R.T.: 2.548 min
Delta R.T.: 0.001 min
Response: 700898451
Conc: 383.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
PNNL-APM-0621-1MS

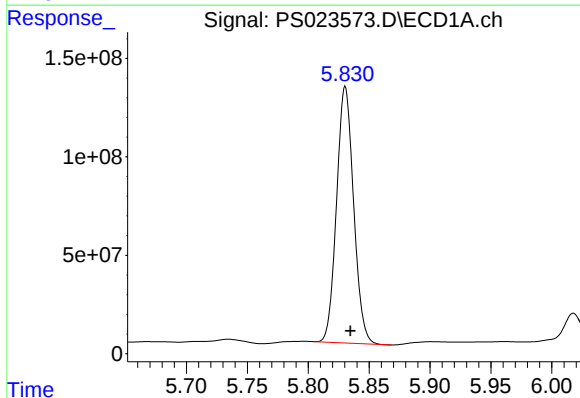
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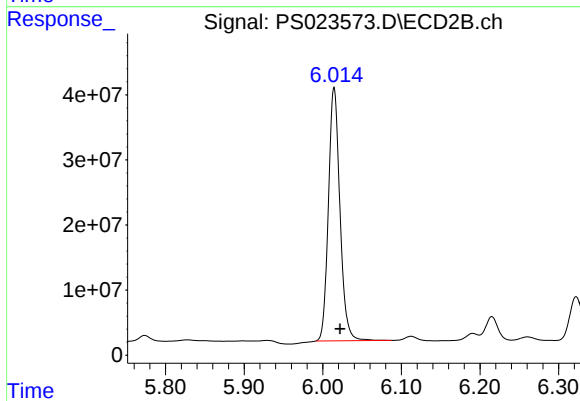
#1 Dalapon

R.T.: 2.575 min
Delta R.T.: 0.001 min
Response: 343547449
Conc: 374.79 ng/ml



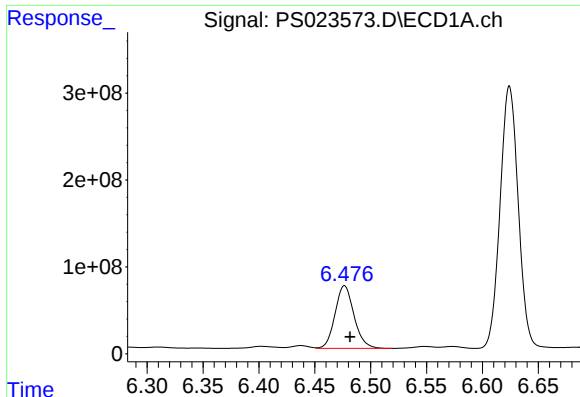
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.831 min
Delta R.T.: -0.004 min
Response: 1267470313
Conc: 471.78 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.014 min
Delta R.T.: -0.007 min
Response: 395725640
Conc: 447.05 ng/ml



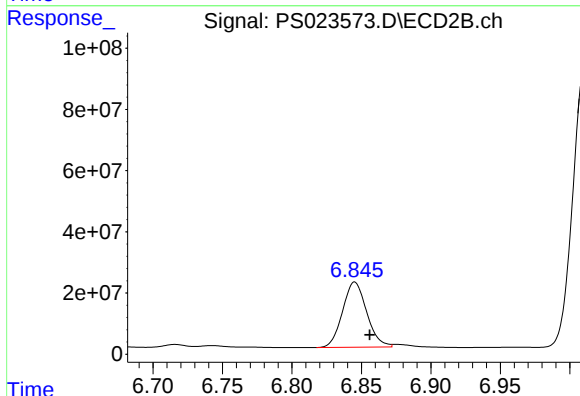
#4 2,4-DCAA

R.T.: 6.477 min
Delta R.T.: -0.005 min
Response: 854859200
Conc: 483.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
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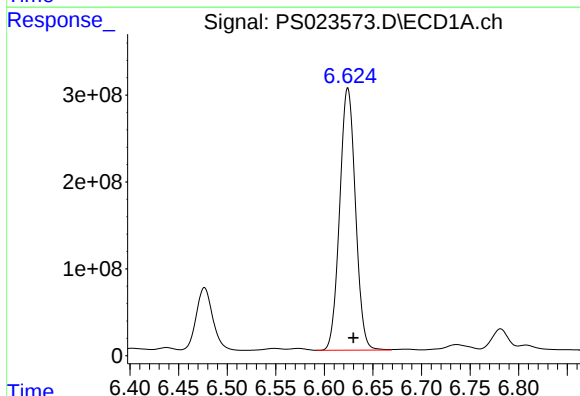
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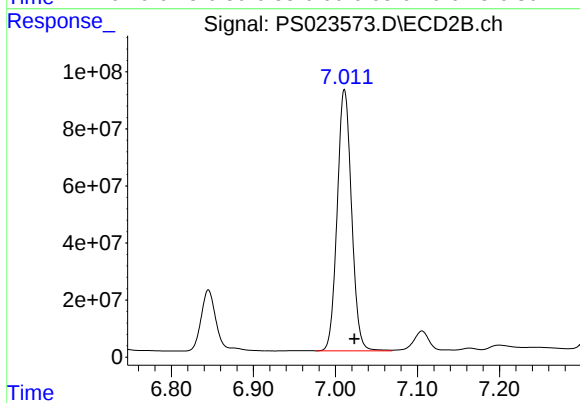
#4 2,4-DCAA

R.T.: 6.845 min
Delta R.T.: -0.011 min
Response: 258961483
Conc: 456.16 ng/ml m



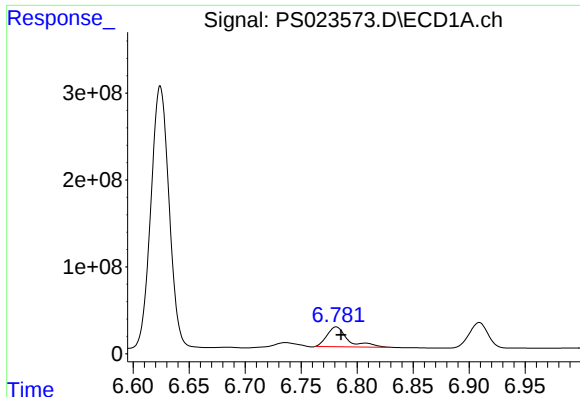
#5 DICAMBA

R.T.: 6.624 min
Delta R.T.: -0.006 min
Response: 3412736907
Conc: 437.88 ng/ml



#5 DICAMBA

R.T.: 7.011 min
Delta R.T.: -0.012 min
Response: 1114948053
Conc: 435.07 ng/ml



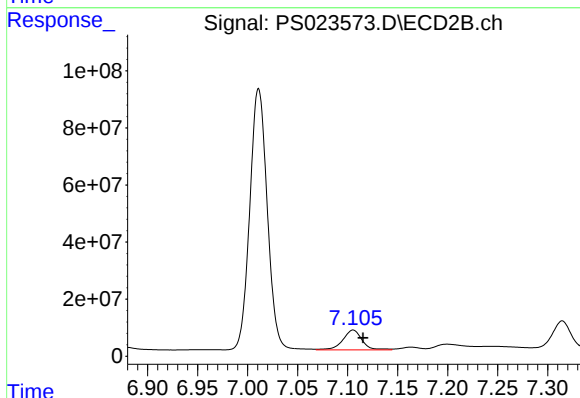
#6 MCPP

R.T.: 6.781 min
Delta R.T.: -0.004 min
Response: 296213570
Conc: 53.74 ug/ml

Instrument :
ECD_S
ClientSampleId :
PNNL-APM-0621-1MS

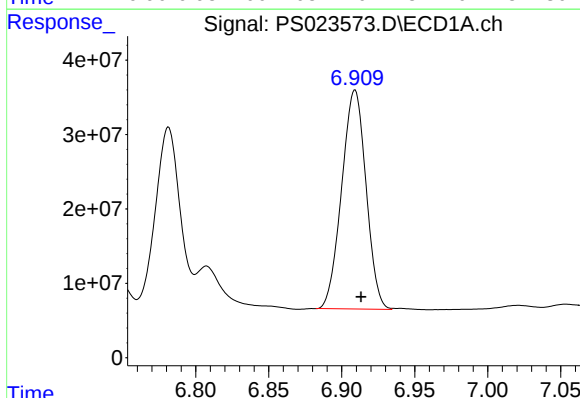
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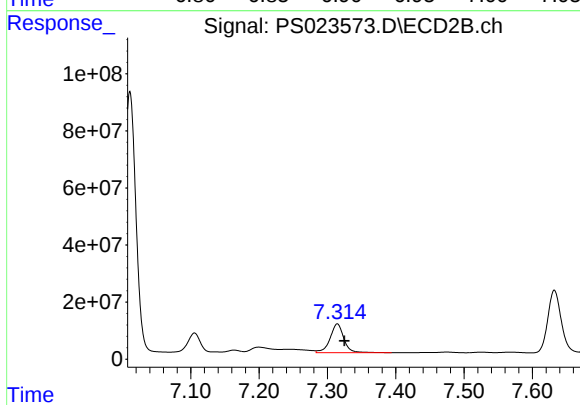
#6 MCPP

R.T.: 7.106 min
Delta R.T.: -0.010 min
Response: 93365990
Conc: 52.23 ug/ml



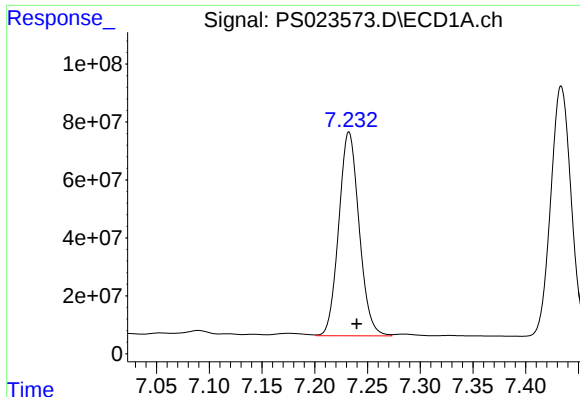
#7 MCPA

R.T.: 6.909 min
Delta R.T.: -0.004 min
Response: 341642605
Conc: 43.63 ug/ml m



#7 MCPA

R.T.: 7.315 min
Delta R.T.: -0.010 min
Response: 141810845
Conc: 52.76 ug/ml



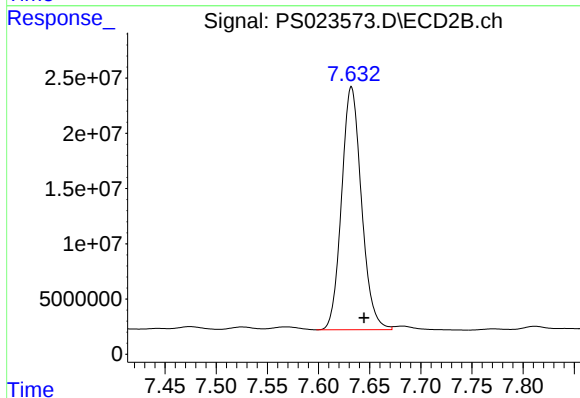
#8 DICHLORPROP

R.T.: 7.232 min
Delta R.T.: -0.007 min
Response: 944191904
Conc: 457.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
PNNL-APM-0621-1MS

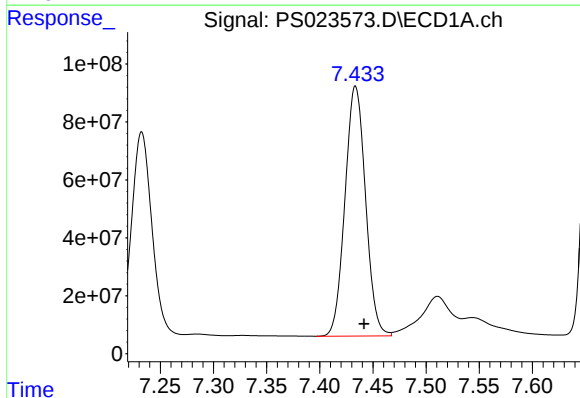
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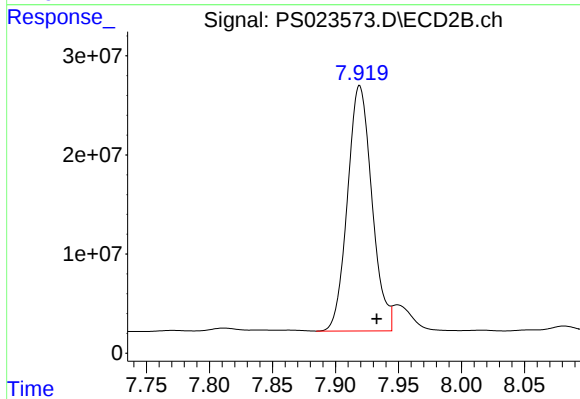
#8 DICHLORPROP

R.T.: 7.632 min
Delta R.T.: -0.012 min
Response: 298205298
Conc: 482.08 ng/ml



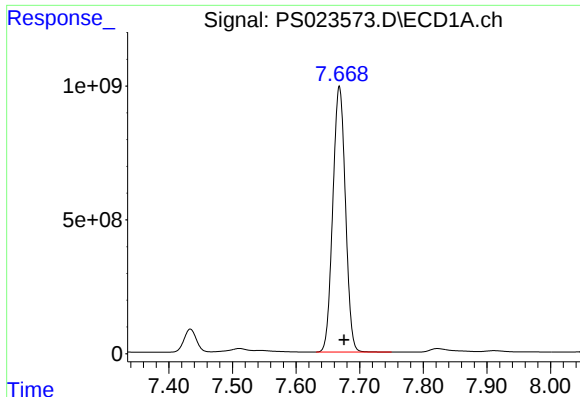
#9 2,4-D

R.T.: 7.434 min
Delta R.T.: -0.008 min
Response: 1162077160
Conc: 475.62 ng/ml



#9 2,4-D

R.T.: 7.919 min
Delta R.T.: -0.013 min
Response: 333969054
Conc: 481.56 ng/ml



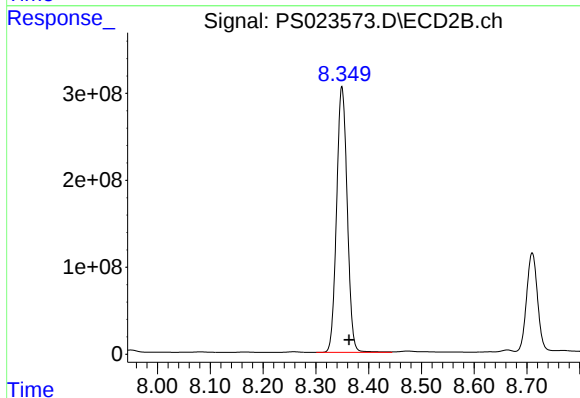
#10 Pentachlorophenol

R.T.: 7.668 min
Delta R.T.: -0.007 min
Response: 13670253050
Conc: 485.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
PNNL-APM-0621-1MS

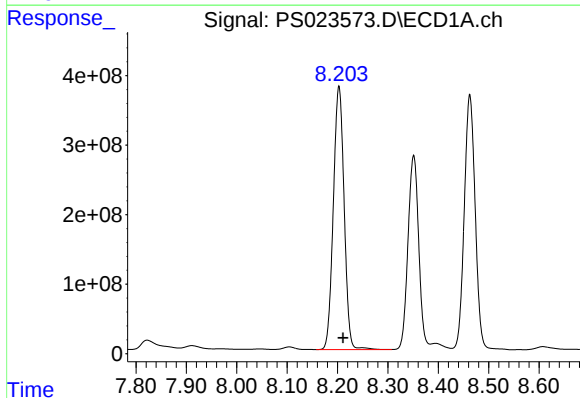
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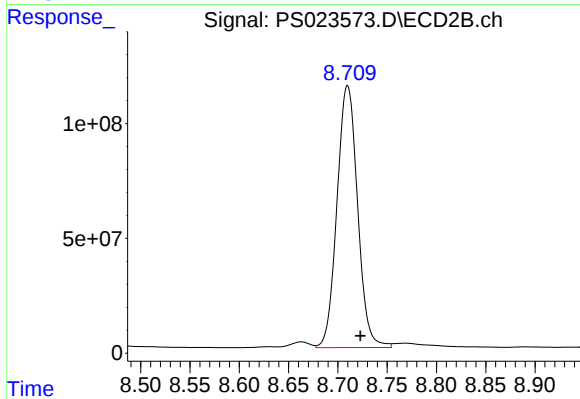
#10 Pentachlorophenol

R.T.: 8.349 min
Delta R.T.: -0.014 min
Response: 4271595596
Conc: 472.16 ng/ml



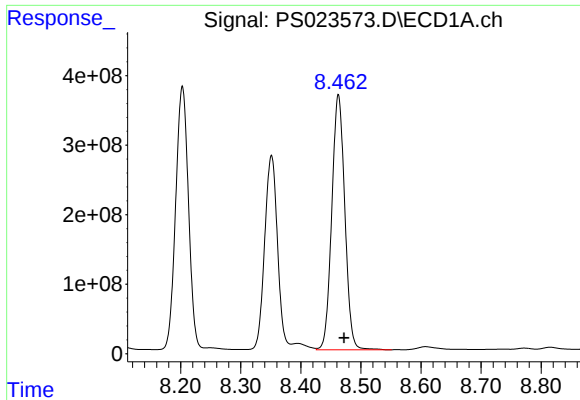
#11 2,4,5-TP (SILVEX)

R.T.: 8.203 min
Delta R.T.: -0.008 min
Response: 5638150790
Conc: 487.60 ng/ml



#11 2,4,5-TP (SILVEX)

R.T.: 8.710 min
Delta R.T.: -0.013 min
Response: 1661094727
Conc: 497.73 ng/ml



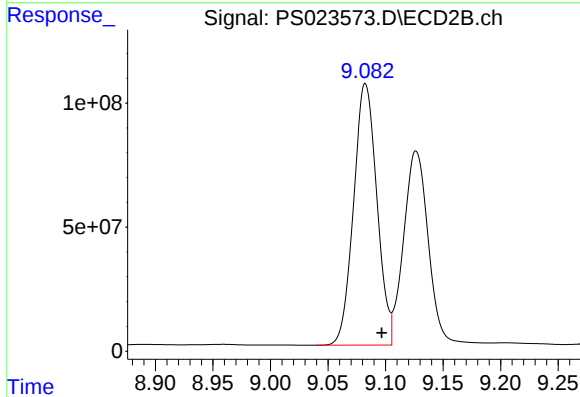
#12 2,4,5-T

R.T.: 8.463 min
Delta R.T.: -0.010 min
Response: 5525342216
Conc: 486.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
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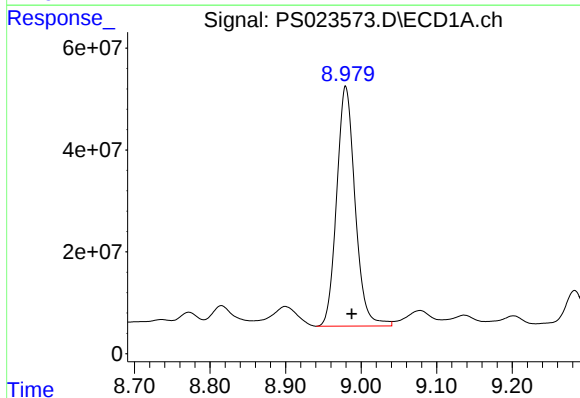
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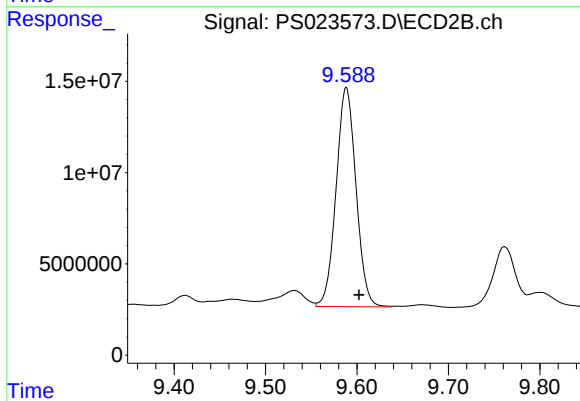
#12 2,4,5-T

R.T.: 9.083 min
Delta R.T.: -0.014 min
Response: 1488811320
Conc: 485.66 ng/ml



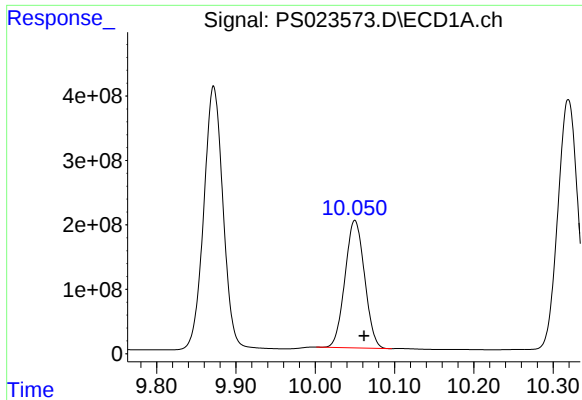
#13 2,4-DB

R.T.: 8.980 min
Delta R.T.: -0.008 min
Response: 797855198
Conc: 338.92 ng/ml



#13 2,4-DB

R.T.: 9.588 min
Delta R.T.: -0.014 min
Response: 181511428
Conc: 489.51 ng/ml



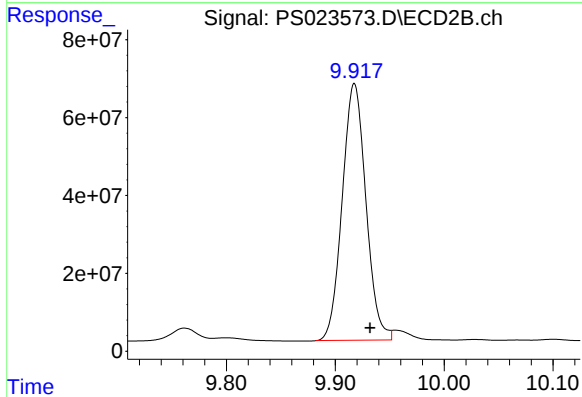
#14 DINOSEB

R.T.: 10.050 min
Delta R.T.: -0.011 min
Response: 3391087564
Conc: 409.44 ng/ml

Instrument :
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ClientSampleId :
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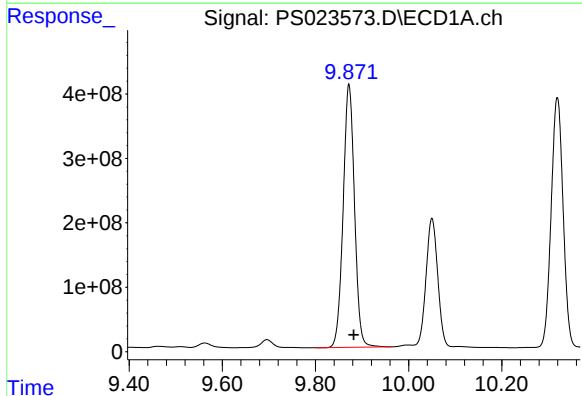
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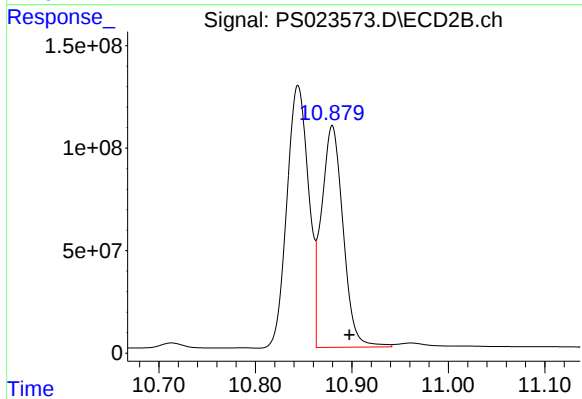
#14 DINOSEB

R.T.: 9.917 min
Delta R.T.: -0.015 min
Response: 997891907
Conc: 420.51 ng/ml m



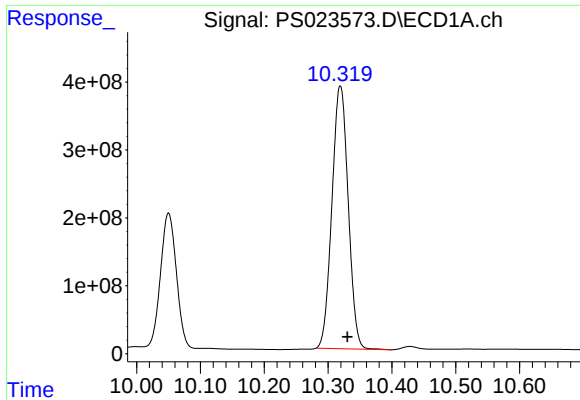
#15 Picloram

R.T.: 9.872 min
Delta R.T.: -0.010 min
Response: 6908787749
Conc: 398.10 ng/ml



#15 Picloram

R.T.: 10.880 min
Delta R.T.: -0.018 min
Response: 1683857990
Conc: 368.96 ng/ml



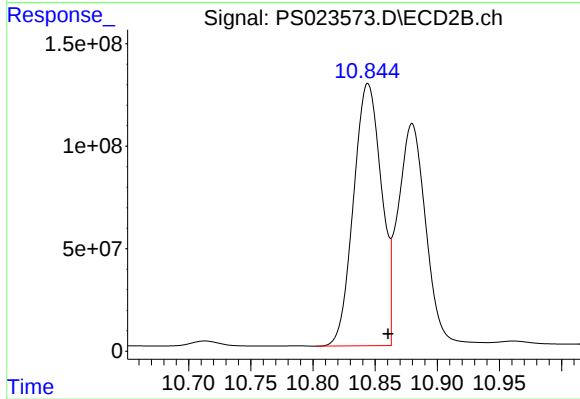
#16 DCPA

R.T.: 10.319 min
Delta R.T.: -0.011 min
Response: 6850888994
Conc: 491.44 ng/ml

Instrument :
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#16 DCPA

R.T.: 10.844 min
Delta R.T.: -0.016 min
Response: 2001916267
Conc: 499.00 ng/ml